

Alaska Energy Cost Reduction Program Progress Report

Grantee: Alaska Power & Telephone Company

Project Name: Upper Lynn Canal Power Supply Projects (Denali)

Grant # 0129-DC-2004-I16

Period of Report: Second Quarter 2007 (April 1, 2006 to June 30, 2006)

Project activities completed:

- Cleared sediment from tailrace accumulated during spring thaw.
- Set silt fencing to prevent future sediment accumulation.
- Surveyed penstock and access routes to establish finish grading and alignments.
- Covered the powerhouse bank east with riprap and terraced for vegetation plantings.
- Applied jute netting and a grass seed mix blend as prescribed by the USFS to the top of east bank for enhanced stabilization.
- Concert planks were installed in the beach to form a boat ramp.
- First section of penstock was installed including the bifurcated pipe and disassembly joint.
- Transformer pad was formed, rebar installed, and partially poured.
- Culvert at Station 10+50 was extended to the drainage ditch on the north side of the right-of-way.
- Bridge frame and decking were delivered to Skagway.

Project existing or potential problems:

Normal equipment issues requiring repairs on site or in Skagway have occurred. The license amendment and agency approvals continue to delay extending the road to the dam site. It is critical that there is access to construct the diversion dam during the low water period during winter 2007 and spring 2008.

Activities targeted for Next Reporting Period, Third Quarter 2007:

- Complete the rock retaining walls on the east side of the tailrace and the powerhouse.
- Complete the fabrication of penstock miter bends and transition pieces.
- Begin installation of the penstock pending FERC design approval.
- Specify and order the generator control switchgear.